

DAWN ALEXANDRA MURRAY, M.S., Ph.D.

dmurray2@antioch.edu

Employment and Board Work

- 2010-present **Chair and Core Faculty**, Undergraduate Program Antioch University, Santa Barbara (Year Sabbatical August 2016-17)
- Excellence in oversight and expansion
 - Administrative leadership and building capacity with partnerships
 - Program development, evaluation and management
 - Digital and online education
- 2017 **Professor Biology and Math**, The Cloud Forest School, Monteverde, Costa Rica
- Curriculum development, math and Rainforest Biology, Biogeography
 - Spanish and novel educational opportunities
- 2016 **Professor Environmental Science and Management**, Royal Thimphu College, Bhutan
- Biodiversity, Conservation Biology, Geography
 - Organized first week long camping trip for students in the field to collect data
 - International Relations
- 2011-present **Director of International Education and Research**, The Tribal Trust Foundation
- On a non-profit board managing budget, grant acquisition, international research partnerships and developing curriculum
 - Worked with Maya in Tulum to clean up the beaches, the Monpas in Bhutan to preserve the forests, and advocated for launch of Indigenous People's Day in Santa Barbara, CA
- 2007-2013 **Lecturer** Ecology, Evolution, Marine Biology Dept., University of California Santa Barbara
- Connecting students to environmental issues
- 2009 **Lecturer** teaching global environmental studies and activism, Moorpark Community College
- 2003-2008 **Intertidal Ecologist**, researcher, lecturer, program developer, National Marine Sanctuary Office
- 2000-2003 **Lecturer** teaching oceanography courses, UC Santa Cruz
- 1994-2000 **Lecturer** teaching ecology and advocacy, Monterey Bay Aquarium

Education

University of California Santa Cruz, Santa Cruz, CA

Ph.D., Ocean Sciences, 2005, Advisor: Dr. John Pearse

M. S., Marine Science, 1999, Advisors: Drs. Mary Silver and Bruce Robison, Monterey Bay Aq. Research Institute

B.A., Biology, 1994

Stanford University, Hopkins Marine Station, Pacific Grove, CA

Physiological Ecology and Biomechanics, Semester, 1999

University of Washington, Friday Harbor Laboratory, Friday Harbor, WA

Invertebrate Zoology, Semester, 1997

Expertise

Biological Oceanography, Environmental Processes in Lakes and Oceans, Environmental Geology/Ecology, Global Environmental Studies, Marine Policy, Marine Ecology, Invertebrate Zoology, Deep Sea Ecology, Biogeography, Community Ecology, Critical Thinking, Environmental Management, Environmental Justice and Advocacy, Conservation Biology, Environmental Ethics, Ecological Restoration, Sustainable Communities, Natural History, Sustainable Business, Public Speaking, Research Methods, Biodiversity, Rainforest Ecology, Climate Change, Marine

Conservation, Intertidal Ecology, Climate Change Resilience, Protecting Indigenous Habitats and Activism, Promoting and supporting legislation for Indigenous People's Day

Interests and Passions

Medicinal plants distribution and abundance, reducing the effects of climate change, environmental policy and advocacy, mountain biking, hiking, surfing, swimming, paddle boarding, travel abroad trips for students, snorkeling, diving, environmental justice, sustainability, and appreciating nature.

Awards

Member of Society for Conservation Biology; Sierra Club 15- year member; Distinguished Service Award; Excellence in Teaching Award; Teacher-of-the-Year Award; Teacher-of-the-Year Nomination 2012-2016; PADI Foundation Diver Recognition; American Association of University Women Research Grant; Center for Dynamics and Evolution of the Land-Sea Interface Graduate Research Award; University of California Marine Council Research Grant from the Office of the President; Louis Sloss Fellowship

Recent Presentations to Conservation Groups

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| 2018 | Biodiversity and Conservation in the Galapagos, Mountain Ecosystem Restoration |
| 2017 | Living Abroad for a Year- Learning the Culture of Conservation and Activism in Bhutan and Costa Rica |
| 2016 | Freshwater Ecosystem Conservation in the Himalayas, Searching for the Endangered White Bellied Heron in Asia, Animal/Plant Conservation and Genetic Resources in Bhutan |
| 2015 | Ecological Conservation in Bhutan, Migrating Whales, Assisting Injured Marine Mammals |
| 2014 | Marine Conservation, Mbuti: Children of the Forest, Global Advocacy and Leadership |

SELECTED PUBLICATIONS

Murray, D. (2013) Ecological and cultural Curriculum for the Yucatan Peninsula, Online TTF Website

Murray, D.A., B. Savage, G. Kvistad. (2012) Tulum, Mexico: A case study modeling collaboration for access to clean water for indigenous peoples. *International Environmental Justice: Competing Claims and Perspectives*. Eds. F. Gordon and G. Freeland, ILM Publications.

Osborn, D. A, M.W. Silver, S.M. Bros, C.G. Castro, and F.P. Chavez (2007) The habitat of mesopelagic scyphomedusae in Monterey Bay, CA, *Deep-Sea Research Part I* (54), pp. 1241-1255.

Osborn, D. A., J. S. Pearse, and C. A. Roe (2007) LiMPETS: *Long-Term Monitoring Program and Experiential Training for Students*. Community-Based Coastal Observing in Alaska: Aleutian Life Forum 2006. Editor – Reid Brewer, Alaska Sea Grant, University of Alaska Fairbanks.

Osborn, Dawn A. (2005). Rocky Intertidal Community Structure on Different Substrates. *California Sea Grant College Program*. UC San Diego: California Sea Grant College Program. Retrieved from: <http://escholarship.org/uc/item/44w4c14v>